

CLIMATOLOGICAL DATA FOR APRIL, 1913.

DISTRICT NO. 1, NORTH ATLANTIC STATES.

Prof. WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

The month contained much warm weather, but there were also several periods of decidedly cool weather for the season, with freezing temperatures and killing frosts that caused considerable injury to vegetables and tree fruits in the southern States of the district. Rainfall was abundant and timely in its occurrence in most parts of the district. Remarkably hot weather prevailed from the 24th to the 26th, the maximum temperatures in many instances exceeding all previous April records. In other respects the conditions were much like those experienced in April of most years. The following table exhibits the leading features of meteorological interest for the various sections of the district:

States, or parts of States within district No. 1.	Temperature.				Precipitation.				Average number of—	
	Average.	Departure.	Highest.	Lowest.	Average.	Departure.	Greatest total.	Least total.	Rainy days.	Clear days.
New England.....	46.0	+2.4	92	32	3.71	+0.65	8.05	0.85	9	13
New York.....	47.9	+3.3	98	34	3.84	+0.63	8.78	0.87	9	13
Pennsylvania.....	51.1	+3.1	90	18	4.61	+1.71	9.28	1.46	11	13
New Jersey.....	52.1	+3.0	89	19	5.78	+2.20	8.53	4.14	11	14
Maryland, Delaware, and District of Columbia.....	54.6	+2.6	90	16	4.61	+1.08	8.21	1.48	10	14
West Virginia.....	51.3	+1.7	91	12	3.00	0.00	4.06	1.75	10	10
Virginia.....	54.8	+1.5	89	21	3.95	+ .70	5.80	2.16	9	13

TEMPERATURE.

The average temperature for the month was above normal at all stations in the district except one, Hyannis, Mass. In most places there was an average daily excess of between 2° and 3°. The average temperature for the district was about 51°, but the monthly means for individual stations varied from 57.4° at Woodstock, Md., to 39° at Van Buren, Me. An examination of the departures of the daily mean temperatures from the normal shows a warm period at the beginning of the month, which was most marked in the southern sections. This and later warm periods had the effect of causing vegetation to advance with abnormal rapidity, thus making it peculiarly susceptible to injury from the cold weather and frosts that followed. On the 4th the temperature at Baltimore, Md., averaged 21° above the normal. By the 6th temperatures were again below normal, and on the 7th and 8th frosts and freezing temperatures occurred as far south as Virginia in the colder localities. Observers in the sections affected agreed in their statements that the resulting damage to all kinds of tree fruits and vegetables would be heavy. The second decade was mostly above normal in temperature, but there came another cold spell with extensive frosts on the 20th or 21st which caused injury over considerable areas, particularly in the middle portions of the district where vegetation was not sufficiently advanced to sustain injury from the cold weather of the 7th and 8th. This second cold period was followed by a rapid rise in temperature, resulting in unusually warm weather for April on the 24th, 25th, and 26th.

It was on those dates that the highest temperatures of the month occurred at nearly all stations in the district. These reached or closely approached 90° at many points in the interior, but stations near the coast did not experience such hot weather, owing to the influence of the ocean. In the interior of the Northern States this was one of the most remarkable hot periods known in April, there being three days with maximum temperatures higher than are usually experienced in April. At Greenwich, N. Y., the temperature reached 90° on the 25th, a higher temperature than has been recorded within the State in any April since 1902. The highest temperature recorded in the district was 92° at Cavendish, Vt., on the 24th. Another reversion to cold weather came at the end of the month with killing frosts in some sections on the 30th causing injury in regions where the frosts of earlier dates had done no damage.

The lowest temperatures of the month were generally not such as to require comment, though it may be of interest to note that the lowest recorded within the district was but 2° above zero, occurring at Greenville, Me., on the 2d and at Van Buren, Me., on the 8th.

PRECIPITATION.

Precipitation was abundant and well distributed in all but a few parts of the district. There was a narrow strip that received less than 2 inches of rain extending from the central part of New York northeastward over Vermont and including the northern part of Maine. On the other hand there were many stations that received more than 6 inches; most of these were in the region from eastern Pennsylvania and New Jersey to southeastern Massachusetts. The heaviest rains were not of unusual character, except in the Maryland and Delaware section, where there were eight stations reporting more than 2.50 inches of rainfall in the storm of the 12th. The records exhibit no unusual features in regard to the time of occurrence of precipitation, there being no very extended periods of either wet or dry weather.

But little precipitation was in the form of snow. From Massachusetts southward over the district few stations recorded more than 2 inches of snow during the month, while in the latitude of Pennsylvania most stations received only a trace. The greatest snowfall for the month was 14 inches at Morehouseville, N. Y., and the greatest daily snowfall was 9 inches on the 19th at the same station. Snow fell in parts of the northern sections on the 20th, but it is believed that none occurred later.

RIVER CONDITIONS.

The waters from the March floods had receded considerably by the 1st of April, and the larger streams remained at moderate stages during the entire month.

SUNSHINE.

Records indicate that there was somewhat more clear and sunny weather than is usual for April, as might be expected from the fact that temperatures averaged considerably above normal. The total amount of sunshine was found to average 221 hours or 55 per cent of the possible sunshine for the month. The average number of clear days for all stations in the district was 13.

TABLE 1.—Climatological data for April, 1913. District No. 1, North Atlantic States.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Observers.				
				Mean.	Departure from the normal.			Lowest.	Date.	Highest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unadjusted.	Number of rainy days, 0.01 inch or more.				
					Highest.	Date.	Lowest.														
Maine.																					
Bar Harbor.....	Hancock.....	29	27	42.4	+ 0.7	79	25	23	8	42	2.64	- 0.59	1.00	2.0	9	11	10	9	sw.	William Miller.	
Cornish.....	York.....	778	58	47.1	+ 4.3	89	25	20	10	47	2.83	- 0.73	0.75	2.5	9	12	8	10	n.w.	T. H. West.	
Eastport.....	Washington.....	53	41	40.8	+ 2.5	76	26	21	8	35	2.23	- 0.71	0.59	3.7	12	5	16	9	s.	U. S. Weather Bureau.	
Fairfield.....	Somerset.....	90	28	44.8	+ 5.8	86	25	21	9	47							19	0	11	E. F. Parker.	
Farmington.....	Franklin.....	450	16	44.8		85	25	20	9	41	2.30	- 0.73	0.85	2.0	9	9	10	11	ne.	State Normal School.	
Gardiner.....	Kennebec.....	163	21	44.8	+ 1.2	83	25	19	10	42	2.60	- 0.81	0.76	1.5	11	13	5	12	w.	Samuel D. Soule.	
Greenville.....	Piscataquis.....	1,149	9	39.6		82	25	2	2	42	2.54	- 0.30	0.70	2.5	9	16	6	8	n.	U. S. Weather Bureau.	
Houlton.....	Aroostook.....	362	11	43.8		84	26	16	9	39	0.85	- 1.23	0.40	3.0	3	16	6	8	n.	Bangor & Aroostook R. R.	
Lewiston.....	Androscoggin.....	185	39	44.6	+ 2.8	82	25	23	9	39	2.28	- 1.04	0.42	4.8	11	9	13	8	n.w.	Union Water Power Co.	
Madison.....	Somerset.....	257	10	43.0		86	26	18	9	44	2.74	- 1.13	1.37	2.5	8	20	9	10	10	w.	William Jardine.
Millinocket.....	Penobscot.....	386	10	43.7		87	25	20	9	50	1.67	- 1.45	0.60	1.5	9	12	1	17	n.w.	F. C. Bowler.	
North Bridgton.....	Cumberland.....	450	20	46.2	+ 3.3	85	25	20	10	45	2.31	- 1.16	0.70	3.5	9	12	8	10	n.w.	G. E. Chadbourne.	
Orono.....	Penobscot.....	129	44	44.1	+ 4.2	85	26	9	1	49	3.57	+ 0.73	0.50		11	10	5	15	n.	Department of Physics.	
Patten.....	do.....	550	11	42.2d		88d	26	14d	9	50d			0.30	3.0		16d	2d	8d	sw.	Bangor & Aroostook R. R.	
Portland.....	Cumberland.....	99	42	43.4	+ 0.4	69	25	24	9	31	2.02	- 1.09	0.54	1.2	12	11	5	14	n.	U. S. Weather Bureau.	
Presque Isle.....	Aroostook.....	4	41.4			85	26	8	9	45	1.41		0.60	3.0	4	14	2	14	w.	W. T. Faulkner.	
Rumford Falls.....	Oxford.....	505	20	44.2	+ 2.8	80	25	22	9t	35	2.91	- 0.12	1.25	4.1	13	5	11	4	n.w.	Charles A. Mixer.	
Van Buren.....	Aroostook.....	510	8	39.0		77	25	22	8	40	4.42		0.40	6.8	7	15	5	10	n.	J. M. Thomas.	
Winslow.....	Kennebec.....	90	18	46.4	+ 5.2	87	25	24	8t	46	2.62	- 0.16	0.62	2.2	9	16	8	6	n.	Hollingsworth & Whitney Co.	
New Hampshire.																					
Aldstead Center.....	Cheshire.....	1,120	9	44.6	+ 0.6	80	25	20	9	32	2.04	- 0.41	0.38	2.0	12	14	7	9	n.w.	Frank Dewing.	
Benton.....	Crafton.....	4	42.4			78	24	11	10	39	2.32		0.38	1.0	11	15	1	14	.....	State Sanatorium.
Bethlehem.....	do.....	1,470	21	42.3	+ 1.8	81	25	14	8	36	3.09	+ 1.07	0.79	4.5	15	14	6	10	sw.	Benjamin Tucker.	
Concord.....	Merrimack.....	350	53	46.4	+ 2.6	84	25	22	10	41	2.03	- 0.76	0.60	1.0	12	12	6	12	n.w.	U. S. Weather Bureau.	
Durham.....	Stafford.....	88	18	44.8	+ 0.8	76	25	17	20	40	2.80	+ 0.14	0.76		8	14	3	10	n.w.	Agricultural Exp. Station.	
Franklin.....	Merrimack.....	440	14	46.6	+ 3.4	88	25	19	10	46	2.17	- 0.88	0.53	0.5	11	11	8	11	n.w.	Dr. C. P. Webster.	
Grafton.....	Grafton.....	863	27	43.8	+ 2.5	83	25	15	10	47	1.94	- 0.58	0.40	T.	9	12	7	19	n.w.	P. R. Kimball.	
Hanover.....	do.....	603	79	46.0	+ 4.4	88	25	18	10	44	1.43	- 0.26	0.38	T.	11	13	9	8	n.w.	Dartmouth College.	
Keene.....	Cheshire.....	506	28	46.4	+ 2.3	87	25	17	10	46	1.81	- 0.50	0.39	0.4	12	12	7	11	n.w.	Samuel Wadsworth.	
Nashua.....	Hillsboro.....	125	28																se.	Jackson Co.	
Newton.....	Rockingham.....	25	44.6	+ 0.2	77	25	16	10	41	3.22	+ 0.81	1.03	T.	9	10	12	8	w.	W. C. Gale.		
Plymouth.....	Grafton.....	500	25	45.1	+ 3.9	81	24t	17	10	47	1.54	- 0.75	0.46	0.5	9	13	3	14	w.	Hattie G. Trow.	
Vermont.																					
Bloomfield.....	Essex.....	6	42.2			84	25	13	9	46	1.83		0.82	2.5	8	15	7	8	s.	Lyman Falls Power Co.	
Cavendish.....	Windsor.....	910	10	46.1		92	24	16	8t	51	1.63		0.56		8	4			w.	E. D. Kingsbury.	
Chelsea.....	Orange.....	840	18	43.4	+ 3.5	84	25	12	9	44	1.93	+ 0.30	0.55	T.	9	18	4	8	n.	W. F. Dewey.	
Manchester.....	Bennington.....	980	14	45.6		84	25	20	8	37	1.29		0.57	T.	4	9	13	8	ne.	N. M. Canfield.	
Somerset.....	Windham.....	2,096	20	41.5		82	25	13	10	46	3.74		0.94	3.3	15	10	5	15	n.w.	J. Albert Holmes.	
St. Johnsbury.....	Caledonia.....	711	20	44.4	+ 2.6	85	25	17	9	42	1.63	- 0.47	0.90	0.4	8	11	9	10	n.w.	Fairbanks Museum.	
Woodstock.....	Windsor.....	700	21	46.8	+ 4.8	83	25	20	10	37	1.62	- 1.08	0.56	T.	6	10	6	14	.....	John S. Eaton.
Massachusetts.																					
Amherst.....	Hampshire.....	222	24	47.9	+ 2.5	84	25	22	8	38	3.30	+ 0.27	1.12	T.	14	9	11	10	n.w.	Agricultural Exp. Station.	
Blue Hill.....	Norfolk.....	640	29	45.1	+ 0.6	79	25	24	8	27	4.73	+ 1.71	1.31	3.0	13	11	7	12	n.w.	Blue Hill Observatory.	
Boston.....	Softolk.....	124	43	48.0	+ 2.7	76	25	29	9	20	4.77	+ 1.22	1.42	1.4	14	13	3	14	w.	U. S. Weather Bureau.	
Chestnut Hill.....	do.....	124	33	48.4	+ 1.8	79	25	25	10	34	4.90	+ 1.45	1.06		12	19	0	11	.....	Metropolitan Water Board.
Clinton.....	Worcester.....	370	17	47.1		83	25	24	9	35	4.11		1.56	0.8	10				.....	Do.
Concord.....	Middlesex.....	139	23	46.8	+ 1.6	83	25	20	10	36	3.94	+ 0.78	1.04	1.2	12	12	6	12	n.w.	Fred A. Tower.	
Fall River.....	Bristol.....	200	47	47.5	+ 1.1	71	23	28	9	24	6.36	+ 2.87	2.65	1.0	10	9	15	6	ne.	C. V. S. Remington.	
Fitchburg.....	Worcester.....	550	30	47.2	+ 1.6	84	25	22	10	38	2.94	+ 0.03	0.65	1.0	10	16	4	10	n.w.	Dr. A. P. Mason.	
Framingham.....	Middlesex.....	160	33	48.6	+ 1.9	82	25	23	10	35	3.96	+ 0.75	1.34	0.2	13				n.w.	Metropolitan Water Board.	
Hyannis **.....	Barnstable.....	31	22	46.0	- 0.5	63	24t	29	9	23	5.46	+ 2.25	2.00	6.0	13	17	11	2	n.w.	C. F. Sleeper.	
Lawrence.....	Essex.....	51	29	46.8	+ 0.7	82	25	23	10	38	3.22	+ 0.46	1.15	0.5	13	11	11	8	n.e.	Essex Co.	
Lowell.....	Middleboro.....	100	28	48.9	+ 3.6	82	25	23	10	33	3.01	- 0.47	1.07		11				n.e.	Props. Locks and Canals.	
Middleboro.....	Plymouth.....	53	27	46.8	+ 2.1	75	24	19	10	37	5.14	+ 2.02	2.22	T.	10	8	7	15	n.e.	A. R. Gurney.	
Nantucket.....	Nantucket.....	42	27	46.4	+ 2.2	67	26	28	9	23	2.19	- 0.45	0.63	0.9	13	11	8	11	n.e.	U. S. Weather Bureau.	
New Bedford.....	Bristol.....	88	101	47.0	+ 2.6	69	26	27	8	23	4.56	+ 0.65	1.35		12	16	0	14	se.	City Engineer.	
Norfolk.....	Plymouth.....	244	10	44.0		78	25	12	10	33	5.33		1.54	1.0	10	12	4	14	se.	Ruby H. Martyn.	
Plymouth.....	Plymouth.....	28	44.0			73	27	25	8t	37	6.72		2.05	1.0	13	11	8	11	e.	Laura B. Knapp.	
Provincetown.....	Barnstable.....	40	26	45.0	+ 0.2	66	25	28	9	23	4.77	+ 1.87	1.10	1.0	13	13	0	17	ne.	Gideon Bowley.	
Rockport.....	Essex.....	25	11	44.4		66	22	28	9	25	4.73		0.93	0.1	11	11	8	11	sw.	C. F. Pease.	
Rutland.....	Worcester.....	1,160	11	44.6		82	26	21	2t	37	4.12		1.54	0.3	12	13	9	8	n.w.	State Sanatorium.	
Turners Falls.....	Franklin.....	200	22	48.2	+ 2.6	83	25t	24	8t	36	5.79	+ 0.26	0.78	T.	9	13	0	17	n.w.	Turners Falls Co.	
Westboro.....	Worcester.....	298	39	51.2	+ 5.0	86	25	22	10	37	3.87	+ 1.87	1.68	T.	7				n.w.	G. S. Newcomb.	
Williamsstown.....	Berkshire.....	711																			

TABLE 1.—Climatological data for April, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelting.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.			
<i>Connecticut—Contd.</i>																				
Norwalk.....	Fairfield.....	116	23	50.2	+ 4.1	82	25	24	10	35.44	+ 3.11	1.46	0	10	17	7	6	se.	George C. Comstock.	
Southington.....	Hartford.....	140	44	48.8	+ 3.0	82	25	21	10	39.30	+ 0.91	1.50	0	11	11	14	5	n.	Luman Andrews.	
Storrs.....	Tolland.....	640	25	48.1	+ 3.1	80	25	23	10	34.48	+ 1.98	1.35	T.	6	9	14	7	w.	Agricultural Exp. Station.	
Torrington.....	Litchfield.....	625	12	47.8	.....	85	26	21	10	39.56	.....	1.75	0	13	13	1	16	se.	Prof. E. H. Forbes.
Voluntown.....	New London.....	260	28	47.1	+ 0.6	80	25	15	11	41.63	+ 2.92	1.20	0	7	14	9	7	nw.	J. L. Herbert.	
Waterbury.....	New Haven.....	400	38	50.2	+ 3.2	85	25	24	10	37.52	+ 2.42	1.45	T.	9	.....	.....	.....	n.	N. J. Welton.
<i>New York.</i>																				
Addison.....	Steuben.....	1,000	23	49.6	+ 3.6	89	25	22	8	50.34	+ 0.68	1.59	T.	11	16	5	9	ne.	H. R. Ainsworth.	
Albany.....	Albany.....	97	92	49.8	+ 4.0	85	25	27	10	35.1.38	+ 1.01	0.60	0.1	9	12	12	6	n.	U. S. Weather Bureau.	
Alfred.....	Allegany.....	1,976	18	45.2	+ 1.8	81	25	17	8	40.4.54	+ 1.73	1.53	4.0	11	.....	.....	.....	e.	F. S. Place.
Amsterdam.....	Montgomery.....	277	9	46.8	.....	86	25	23	10	42.2.59	.....	1.20	T.	9	18	6	6	w.	Emery Elwood.
Athens.....	Greene.....	90	11	50.2	+ 3.5	87	25	24	10	38.2.00	+ 0.92	0.58	T.	8	11	11	6	se.	E. C. Brooks.	
Ballston Lake.....	Saratoga.....	400	9	47.2	.....	85	25	19	10	42.2.37	.....	0.90	0.2	10	11	6	13	n.	Geo. R. Schaefer.
Bedford.....	Westchester.....	450	22	49.0	+ 1.0	79	25	18	10	47.7.75	+ 4.13	2.97	T.	10	13	11	6	w.	Dr. L. Rosenberg.	
Berston.....	Delaware.....	1,214	1	47.1	.....	84	25	17	8	46.2.71	.....	0.86	1.2	10	14	4	12	se.	J. Q. Barlow.
Binghamton.....	Broome.....	875	22	49.4	+ 5.0	83	25	27	20	38.2.23	+ 0.02	1.23	1.5	11	7	5	18	nw.	U. S. Weather Bureau.	
Boutkville.....	Madison.....	1,350	16	46.0	+ 4.0	80	25	20	8	36.2.17	+ 0.63	0.73	0.5	8	11	6	13	nw.	L. W. Griswold.	
Boyd's Corners.....	Putnam.....	560	31	.....	.....	.....	.....	.....	.....	5.50	+ 1.10	.....	.....	.....	.....	.....	.....	n.	Thomas Manning.
Carmel.....	do.....	500	21	47.6	+ 0.1	75	24	25	8	35.5.35	+ 2.01	1.67	0	10	15	3	12	ne.	Do.	
Chatham.....	Columbia.....	470	12	48.8	+ 3.1	85	25	22	8	30.5.05	+ 0.96	0.92	T.	9	12	10	8	n.	M. R. Tank.	
Cooperstown.....	Otsego.....	1,250	59	45.2	+ 4.0	79	26	22	20	40.6.5	+ 1.07	0.50	.....	11	15	4	11	n.	Miss Elizabeth Keese.
Corinth.....	Saratoga.....	542	11	.....	.....	.....	.....	.....	.....	2.23	.....	0.65	6	.....	.....	.....	.....	n.	A. M. Hollister.
Cortland.....	Cortland.....	1,120	51	.....	.....	85	25	24	8	37.1.60	+ 1.36	0.55	2.0	10	13	6	11	nw.	F. G. Baker.
Cutchogue.....	Suffolk.....	32	14	49.1	+ 2.4	71	25	29	10	51.7.11	+ 3.25	2.41	T.	12	16	8	6	nw.	W. M. Fleet.	
De Ruyter.....	Madison.....	1,300	10	45.5	+ 4.9	82	25	22	21	40.2.70	+ 0.17	0.69	1.2	7	15	6	9	nw.	B. D. Crandall.	
Elmira.....	Chemung.....	863	30	48.8	+ 2.6	84	25	26	20	40.3.88	+ 0.93	.....	T.	8	14	4	12	ne.	T. A. Brown.
Glens Falls.....	Warren.....	340	22	48.7	+ 3.1	89	25	21	8	44.1.18	+ 1.27	0.35	1.0	10	10	2	18	n.	C. L. Williams.	
Gloversville.....	Fulton.....	850	21	46.3	+ 3.1	87	25	22	10†	40.3.11	+ 0.06	1.18	0.5	11	16	4	10	w.	W. L. McLean.	
Greenfield Center.....	Saratoga.....	314	15	47.6	+ 2.6	85	25	20	8	40.1.72	+ 1.11	0.70	0	6	15	10	5	ne.	S. E. Darrow.	
Greenwich.....	Washington.....	425	16	48.6	+ 4.9	90	25	23	8	37.4.87	+ 1.55	0.70	0	3	21	6	3	w.	H. J. Whitcomb.	
Griffin Corners.....	Delaware.....	2,260	13	46.6	+ 5.1	84	25	19	8	45.3.94	+ 0.31	1.40	T.	7	16	4	10	w.	Harold O. Judd.	
Haskinville.....	Steuben.....	18	.....	.....	.....	.....	.....	.....	.....	4.71	+ 2.42	.....	T.	3	.....	.....	.....	n.	W. G. Collins.
Hoosick Falls.....	Rensselaer.....	410	11	.....	.....	.....	.....	.....	.....	2.87	.....	0.71	1.0	12	.....	.....	.....	s.	S. L. Chitt.
Homer.....	Cortland.....	1,096	23	46.8	+ 3.7	82	25†	23	8	40.1.86	.....	0.74	1.0	7	13	8	9	ne.	C. C. Mortimer.
Indian Lake.....	Hamilton.....	1,705	14	42.5	+ 3.8	85	25	15	10	43.2.33	+ 0.47	2.20	.....	10	13	6	11	e.	Lester Sevier, jr.
Jeffersonville.....	Sullivan.....	1,240	10	48.6	.....	88	25	21	8	42.3.66	.....	1.17	T.	10	17	8	5	w.	Chas. Wilfert, Jr.
Liberty.....	do.....	2,300	31	46.6	+ 3.2	82	25	20	8	37.5.50	+ 1.64	2.05	T.	9	20	5	5	nw.	Dr. H. M. King.	
Little Falls.....	Herkimer.....	924	15	46.8	+ 3.5	86	25	27	10	35.3.54	+ 0.95	1.12	.....	11	17	8	5	w.	O. J. Dempster.
Mohonk Lake.....	Ulster.....	1,245	17	48.5	+ 3.4	85	25	23	9	28.5.39	+ 2.19	2.04	0	9	11	10	9	nw.	Daniel Smiley.	
Morehouseville.....	Hamilton.....	1,697	5	41.5	.....	83	25	7	8	43.4.45	.....	1.35	14.0	10	20	5	5	w.	T. C. Remonda.
Morrisville.....	Madison.....	1,325	1	46.8	.....	81	25†	22	8	38.2.35	.....	.....	.....	17	5	8	nw.	I. M. Charlton.	
Mount McGregor.....	Saratoga.....	1,060	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	n.	W. S. Stanton.	
Mount Hope.....	Westchester.....	200	16	51.8	+ 4.0	82	25	27	10	31.7.13	+ 3.10	2.91	0	6	6	16	8	w.	W. A. Cornelius.	
Newark Valley.....	Tioga.....	825	26	.....	.....	.....	.....	.....	.....	2.34	+ 0.23	1.20	T.	10	.....	.....	.....	n.	L. D. Clinton.
New Berlin.....	Chenango.....	1,090	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	n.	C. F. Sarie.
New Lisbon.....	Otsego.....	1,234	23	44.6	+ 3.4	82	25	17	8	45.1.10	+ 1.27	0.66	T.	6	10	9	11	n.	G. A. Yates.	
New York City.....	New York.....	314	88	51.0	+ 2.9	79	25	32	7	26	4.32	+ 2.02	1.78	T.	12	9	11	10	nw.	U. S. Weather Bureau.
North Creek.....	Warren.....	1,003	5	45.2	.....	82	25	18	10	43.2.55	.....	0.78	7	17	5	8	nw.	W. G. Kenwell.	
Northville.....	Fulton.....	742	11	.....	.....	.....	.....	.....	.....	1.89	.....	0.70	5	.....	.....	.....	.....	n.	P. C. Pickard.
Oneonta.....	Otsego.....	1,112	19	49.2	+ 4.0	87	25	21	8	44.1.25	+ 1.28	0.60	T.	8	16	4	10	w.	H. W. Lee.	
Oxford.....	Chenango.....	916	48	47.9	+ 4.1	81	25†	22	8	42.1.58	+ 1.41	0.81	7	8	13	9	w.	J. P. Davis.		
Oyster Bay.....	Nassau.....	40	9	.....	.....	.....	.....	.....	.....	1.67	.....	0.53	T.	7	12	14	10	w.	Thomas Colby.
Port Jervis.....	Orange.....	470	29	51.4	+ 4.1	88	25	24	10	44.4.44	+ 1.43	1.78	T.	11	12	10	8	ne.	W. H. Nearpass.	
Roslyn.....	Nassau.....	215	1	50.6	.....	75	25	28	8	31.5.95	.....	1.56	T.	11	17	5	8	n.	C. H. Hechler.
Salisbury.....	Herkimer.....	1,526	16	43.4	+ 2.0	81	25	20	17	37.3.51	+ 0.49	1.15	.....	9	14	12	4	w.	Joseph Ryan.
Scarsdale.....	Westchester.....	200	9	50.8	.....	82	25	28	9†	34.4.70	.....	2.00	T.	7	20	5	5	n.	C. H. Wilmarth.
Setauket.....	Suffolk.....	40	28	49.3	+ 1.9	76	25	31	10	29.6.21	+ 2.73	1.60	T.	10	14	8	8	w.	Selah B. Strong.	
Sherburne.....	Chenango.....	6	.....	.....	.....	.....	.....	.....	.....	1.67	.....	0.53	T.	7	12	14	10	nw.	D. G. Trow.
Southampton.....	Suffolk.....	36	12	48.5	+ 2.5	70	23	27	10	24.8.78	+ 4.48	3.71	T.	12	14	10	6	n.	W. L. Jagger.	
Southeast Reservoir.....	Putnam.....	310	8	.....	.....	.....	.....	.....	.....	4.87	+ 1.46	0.56	T.	9	17	7	6	nw.	Thomas Manning.
South Edmeston.....	Otsego.....	1,300	1	46.4	.....	83	25	18	8	44.1.17	.....	0.56	T.	9	17	7	6	nw.	F. H. Bilderbeck.
Spier Falls.....	Saratoga.....	400	12	46.6	+ 3.3	88	25	19	7	39.1.31	+ 1.19	0.52	7	8	16	6	sw.	Geo. E. Fifield.		
Trenton Falls.....	Saratoga.....	751	10	.....	.....	.....	.....	.....	.....	2.93	.....	0.64	0.5	9	.....	.....	.....	n.	C. W. Young.
Tribeshill.....	Montgomery.....	268	10	.....	.....	.....	.....	.....	.....	4.00	.....	1.20	5	.....	.....	.....	.....	n.	R. S. Marshall.
Troy.....	Rensselaer.....	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	n.	David B. Plum.
Utica.....	Oneida.....	537	17	49.2	.....	77	25	23	10	40.7.21	+ 0.56	1.40	0	9	17	4	9	n.	W. E. Young.
Wading River.....	Stiford.....	112	7</																	

TABLE 1.—Climatological data for April, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.				Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unadjusted.	Number of rainy days 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.		
<i>Pennsylvania—Contd.</i>																				
Marion.	Franklin.	640	9	53.4		88	24	23	8	43	2.27	—	0.59	0	9	15	4	11	.....
Mauch Chunk.	Carbon.	634	24	51.5	+ 3.1	86	25	24	8	43	7.54	+ 4.18	2.04	0.2	15	19	2	9	w.	
Mifflintown.	Juniata.	445	9	52.6		85	24	27	8	45	3.73		1.58	T.	12	15	3	12	w.	
Milford.	Pike.	455	10	48.5	+ 2.4	86	25	21	8	45	3.92	+ .23	1.20	T.	13	13	11	6	nw.	
Montrose.	Susquehanna.	1,658	9	47.1		80	25	20	8	34	2.94		1.25	2.0	11	12	7	11	w.	
New Germantown.	Perry.	873	9			84	25†	—			1.46		.57	0	5	10	0	20	w.	
Philadelphia.	Philadelphia.	117	42	54.5	+ 3.7	79	25	34	8	33	6.87	+ 3.96	2.17	T.	15	9	10	11	nw.	
Pocono Lake.	Monroe.	1,662	12	46.2	+ 4.2	82	25	18	8	42	6.86	+ 3.06	2.04	0	9	12	5	13	nw.	
Reading.	Berks.	280	40	53.0	+ 2.7	81	25	32	8	35	5.86	+ 2.85	2.43	T.	14	8	8	14	nw.	
Scranton.	Lackawanna.	805	13	51.2	+ 4.1	87	25	29	20	36	3.03	+ 0.98	1.57	0.4	14	9	9	12	nw.	
State College.	Snyder.	455	25	53.2	+ 3.7	89	24	24	8	44	5.81	+ 2.85	1.88	T.	13	0	17	13	nw.	
Towanda.	Center.	1,191	25	50.4	+ 3.1	84	24	25	8	36	3.00	+ 0.03	1.42	0.5	12	14	4	15	nw.	
Wellsboro.	Bradford.	754	18	50.0	+ 3.8	83	25†	21	21	44	3.65	+ 1.27	1.82	0.5	14	11	4	15	w.	
West Chester.	Chester.	455	59	52.8	+ 3.5	80	25†	30	8	32	8.80	+ 5.15	1.69	0	15	10	11	9	nw.	
Williamsport.	Lycoming.	530	23	51.6	+ 3.9	86	25	28	8	38	4.38	+ 1.57	2.47	0	10	19	2	9	nw.	
<i>New Jersey.</i>																				
Asbury Park.	Monmouth.	29	25	50.1	+ 2.0	72	23	28	8	25	4.54	+ 0.87	2.19	T.	11	15	6	9	ne.	
Atlantic City.	Atlantic.	16	40	50.1	+ 2.5	76	23	30	8	26	4.64	+ 1.65	2.03	T.	12	10	10	10	nw.	
Bayonne.	Hudson.	50	23	52.1	+ 3.1	83	25	31	10†	31	5.48	+ 1.80	1.57	T.	12	12	8	10	nw.	
Belvidere.	Warren.	289	23	53.2	+ 3.6	85	25	27	8	40	5.52	+ 2.25	1.35	T.	9	18	3	9	nw.	
Bergen Point.	Hudson.	37	16	50.7	+ 2.2	83	25	30	10†	30	6.29	+ 2.40	1.52	T.	12	7	17	6	nw.	
Boonton.	Morris.	230	23								6.02	+ 2.26	1.41	T.	11	19	0	11	ne.	
Bridgeton.	Cumberland.	30	32	54.9	+ 3.1	82	4	28	8	38	6.75	+ 3.32	2.70	T.	8	15	4	11	w.	
Burlington.	Burlington.	12	27	53.0		83	25	30†	9†	37	5.63	+ 2.26	1.30	T.	12	20	1	9	nw.	
Cape May City.	Cape May.	17	35	52.7	+ 4.2	76	23	35	8	25	5.35	+ 2.36	1.18	T.	13	8	15	7	w.	
Charlottetown.	Passaic.	719	21	49.5	+ 2.8	83	25	19	10	39	6.24	+ 2.31	2.20	T.	10	17	7	6	George S. Briggs.	
Chatham.	Morris.	234	11								5.70	+ 2.21	1.35	T.	11	18	3	9	M. A. Butler.	
Clayton.	Gloucester.	126	20	52.6	+ 2.3	79	24	25	28	8	37	6.94	+ 3.80	2.15	T.	9	18	2	10	nw.
Culver's Lake.	Sussex.	848	12			2	25	25	2	8	4.14	+ 0.27	1.43	2.0	16	19	4	11	e.	
Dover.	Morris.	600	29	50.0	+ 2.7	85	25	25	10	40	5.73	+ 2.22	T.	13	6	15	9	nw.		
Elizabeth.	Union.	45	34	52.8	+ 2.0	84	25	27	10†	37	5.89	+ 2.32	1.62	T.	14	15	9	8	nw.	
Flemington.	Hunterdon.	140	25	52.4	+ 3.3	82	25	28	10	35	5.75	+ 2.31	1.55	T.	13	18	3	9	nw.	
Haddonfield.	Camden.	75	26	53.3	+ 2.5	84	24-25	29	10	37	7.84	+ 4.74	1.85	T.	12	14	8	8	nw.	
Hightstown.	Mercer.	119	21	53.0	+ 3.2	80	25	28	10†	40	5.10	+ 1.19	1.70	T.	8	9	12	9	sw.	
Highwood.	Bergen.	90	26	51.1	+ 2.6	83	25	24	10†	36	5.84	+ 2.45	2.10	T.	12	11	6	13	nw.	
Imlaystown.	Morristown.	107	25	51.0	+ 4	82	24-25	26	10†	41	5.98	+ 1.58	2.00	T.	11	11	9	10	sw.	
Indian Mills.	Burlington.	76	24	54.5	+ 4.2	87	25	25	10†	44	7.28	+ 4.15	2.34	T.	12	11	12	7	nw.	
Jersey City.	Hudson.	10	15	53.6	+ 4.2	80	25	33	8†	29	5.93	+ 2.23	1.96	T.	12	10	10	10	Samuel K. Pearson, jr.	
Lakewood.	Ocean.	54	11	51.8	+ 2.9	83	25	25	10	37	5.81	+ 2.20	1.75	T.	11	4	17	9	ne.	
Lambertville.	Hunterdon.	95	26	53.2	+ 2.8	82	25	28	10	37	5.90	+ 2.50	1.40	T.	10	21	3	6	nw.	
Levittown.	Sussex.	550	14	50.0	+ 3.5	86	25	21	8	48			1.38	T.	21	1	8	sw.		
Little Falls.	Passaic.	175	11			73	23	28	8†	37	5.53		2.40	T.	10	11	1	18	A. Sweetman.	
Long Branch.	Morris.	30	6	49.0							5.94	+ 2.40	1.33	T.	12	14	8	8	w.	
Mahwah.	Bergen.	312	11			73	23	28	8†	37	5.53		2.79	T.	12	14	8	8	Wm. D. Martin, jr.	
Moorestown.	Burlington.	75	51	53.4	+ 3.4	83	25	29	10†	39	6.41	+ 3.22	2.01	T.	12	15	7	8	nw.	
Newark.	Essex.	159	70	53.8	+ 4.7	84	25	31	7†	38	5.92	+ 2.19	1.84	0.25	15	12	10	8	Prof. William Wiener.	
New Brunswick.	Middlesex.	100	60	51.7	+ 2.0	83	26	28	10†	44	5.21	+ 1.42	1.60	T.	10	16	7	7	Prof. Jacob G. Lipman.	
Newton.	Sussex.	678	34	51.0	+ 3.4	89	25	27	10	36	4.99	+ 1.78	1.48	T.	11	10	8	12	F. Vernon Lossee.	
Northfield.	Atlantic.	25	6								6.55		1.54	T.	13				William L. Flick.	
Paterson.	Passaic.	80	42	53.6	+ 3.3	87	25	29	10	36	5.34	+ 1.85	1.31	T.	10	9	12	9	Heber A. Probert.	
Phillipsburg.	Warren.	363	23	52.6	+ 3.0	85	25	28	10	38	5.92	+ 2.90	1.67	T.	12	17	3	10	D. W. Smith.	
Plainfield.	Union.	100	27	52.6	+ 4.4	85	25	28	10	37	5.23	+ 1.33	1.50	T.	12	9	12	9	John Neagle.	
Pleasantville.	Atlantic.	26	15								6.47	+ 2.91	1.72	T.	11	21	4	5	Lincoln Van Gilder.	
Pompton Plains.	Morris.	195	11								6.47	+ 2.91	1.72	T.	9	19	2	9	nw.	
Somerville.	Somerset.	60	30	52.4	+ 3.7	84	24	26	10	39	4.46	+ .91	1.44	T.	9	20	3	7	M. S. Taylor.	
South Orange.	Essex.	200	43	51.8	+ 3.5	89	25	30	10	29	5.31	+ 1.82	1.22	T.	10	16	5	9	A. A. Macdonald.	
Sussex.	Sussex.	442	23	51.0	+ 2.7	89	25	26	10	34	4.19	+ 0.94	1.23	T.	12	15	7	8	Dr. Wm. J. Chandler.	
Trenton.	Mercer.	63	42	52.6	+ 1.2	80	25	32	8	35	5.27	+ 1.62	1.88	T.	11	10	9	11	George Dymock.	
Tuckerton.	Ocean.	23	20	51.6	+ 3.7	80	4	26	10†	34	6.42	+ 2.63	1.65	T.	8	16	7	7	U. S. Weather Bureau.	
Vineland.	Cumberland.	118	44	53.6	+ 2.9	81	25	28	8	38	6.18	+ 2.84	2.41	T.	10	13	10	7	Frank R. Austin.	
Woodbine.	Cape May.	43	22	52.6	+ 3.1	79	23	28	8	32	5.17	+ 1.59	1.20	T.	13				Alfred Chalmers.	
<i>West Virginia.</i>																				
Bayard.	Grant.	2,500	11	47.6	+ 0.9	82	25	12	21	50	3.54	—	.48	.85	2.0	10	10	5	14	Solomon Clark.
Burlington.	Mineral.	875	19	51.6	+ 1.0	85	25	20	8	49	1.75	—	.78	.50	T.	8	11	12	7	J. W. Vandiver.
Franklin.	Pendleton.	7				76	25	22	8	40	3.13	—	.62	T.	0	10	10	13	Fred Calhoun.	
Lost City.	Hardy.	7	50.2			91	24	31	8†	48	2.51	—	.45	T.	0	11	12	8	E. Hinegardner.	
Martinsburg.	Berkeley.	435	21	54.2	+ 3.1														G. W. Van Metre, C. E.	
Moorefield.	Hardy.	900	18																John C. Fisher.	
Romney.	Hampshire.	824	17	</																

TABLE 1.—Climatological data for April, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.	Observers.							
				Mean.	Departure from the normal.	Highest.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.							
Maryland—Continued.																				
Denton.	Caroline.	42	18	55.3	+ 3.4	83	23	28	9	37	3.96	+ 1.13	1.68	T. 0	8	18	4	8	w.	H. B. Mason.
Eaton.	Talbot.	35	22	55.6	+ 2.6	81	23	31	8	33	3.69	+ 0.51	2.04	T. 6	6	15	6	9	sw.	Henry Shreve.
Emmitsburg.	Frederick.	720	41																	J. M. Sheridan.
Falston.	Harford.	450	43	53.1	+ 2.6	82	23	30	8†	35	6.26	+ 2.65	2.58	T. 12	4	17	9		ne.	J. H. Curtiss.
Frederick.	Frederick.	275	38	54.4	+ 2.1	88	23	26	8	44	3.41	+ 0.08	0.88	T. 13	19	1	10		ne.	Chas. S. Birely.
Frostburg.	Allegany.	1,929	6	51.2		84	24	22	8	44	2.87	- 1.07	0.70	T. 13	8	15	7		sw.	R. A. Walter.
Great Falls.	Montgomery.	200	23																	Chas. E. Sullivan.
Green Spring Furnace.	Washington.	450	21	54.6	+ 3.2	86	24	29	8	45	1.48	- 1.09	0.30	T. 10	17	3	10		nw.	E. G. Kinsell.
Kedysville.	do.	400	9	53.9		87	23	23	8	46	2.79			T. 13	15	7	8		nw.	J. A. Miller.
Lake Montebello.	Baltimore.	200	4	54.6		81	23	33	7†	39	4.90			T. 7	17	2	11		nw.	Martin L. Dobler.
Laurel.	Prince Georges.	150	19	54.5	+ 1.9	86	23	26	9	48	6.16	+ 3.00	2.55	T. 0	11	9	13	8		Dr. T. M. Baldwin.
Leonardtown.	St. Marys.	100	3	55.6		85	23	31	4	36	2.56			T. 6	6	6	9		nw.	Brother Fidelis.
Monrovia.	Frederick.	630	28	53.6	+ 2.2	84	24	25	8	39	4.48	+ 1.26	1.87	T. 12	15	3	12		nw.	J. H. Lawson.
Pocomoke City.	Worcester.	37	20	56.4	+ 1.8	80	23	33	8	30	3.32	+ 0.09	0.87	T. 0	8	18	9	3	nw.	Hon. R. M. Stevenson.
Portobello.	St. Marys.	38	9																	Mrs. Clara C. Hyatt.
Princess Anne.	Somerset.	17	20	54.9	+ 2.4	83	23	29	9	37	3.03	- 0.04	0.97	T. 0	10	10	12	8	sw.	J. R. Stewart.
Rockville.	Montgomery.	421	6																	Dr. G. E. Lewis.
Salisbury.	Wicomico.	23	8	56.2		85	23	26	9	38	2.63			T. 0	10	15	10	5	nw.	W. E. Downing.
Solomons.	Calvert.	20	22	56.0	+ 2.6	80	3†	35	8	33	4.35	+ 1.46	1.00	T. 0	10	10	5	15	nw.	Dr. W. H. Marsh.
State Sanatorium.	Frederick.	1,460	6	51.8		80	23†	27	6†	33	3.35			T. 12	9	10	11	11	w.	Superintendent.
Sudlersville.	Queen Annes.	65	15	55.0	+ 2.0	81	23†	31	8	37	2.28	+ 4.19	2.65	T. 0	11	15	6	9	nw.	Henry L. Higman.
Takoma Park.	Montgomery.	320	15	54.6	+ 2.5	86	23	30	8	45	5.88	+ 2.64	2.58	T. 0	13	7	14	9	nw.	L. M. Mooers.
Towson.	Baltimore.	465	5	54.6		85	23	28	8	39	5.06			T. 13	14	3	13		nw.	C. W. E. Treadwell.
Van Bibber.	Harford.	100	16	53.2	+ 2.0	81	23	29	21	41	5.99	+ 2.58	2.08	T. 0	8	16	2	12	nw.	W. Benj. Ford.
Westernport.	Allegany.	1,000	19	54.2	+ 3.8	88	25	24	8	47	2.67	+ 0.08	0.70	T. 0	7				w.	Prof. O. H. Bruce.
Westminster.	Carroll.	860	20	53.2	+ 3.8	84	23†	25	8	42	3.90	+ 0.11	1.95	T. 12					w.	Prof. G. F. Morelock.
Woodstock.	Baltimore.	392	43	57.4	+ 5.7	88	23	32	8†	37	5.04	+ 2.04	1.72	T. 0	9	18	2	10	nw.	Rev. J. F. Dawson, S. J.
Delaware.																				
Delaware City.	Newcastle.	10	6	54.2		77	3†	31	8†	33	5.38	+ 2.54	1.98	T. 7	18	3	9		nw.	H. Morton Price.
Dover.	Kent.	40	25	55.0	+ 2.1	82	23	31	8	35	5.60	+ 2.13	2.00	T. 9	11	10	9		w.	W. C. Josting.
Milford.	do.	20	29	56.7	+ 4.0	83	25	29	8	38	5.33	+ 1.99	1.50	T. 13	13	9	8		nw.	Chas. J. Holzmueller.
Millsboro.	Sussex.	20	21	55.3	+ 3.2	82	3†	29	8	35	5.93	+ 0.31	1.25	T. 10	19	2	9		se.	Rev. L. W. Wells.
Seaford.	do.	40	22	54.6	+ 2.1	82	23†	31	8	33	3.76	+ 0.24	1.45	T. 10	15	7	8		s.	E. B. Brown.
Wilmington.	Newcastle.	86	2	55.6		80	24†	31	7†	34	6.84	+ 3.68	2.00	T. 0	11	14	7	9	nw.	Alexander J. Taylor.
District of Columbia.																				
Washington.	District of Columbia.	112	43	55.4	+ 2.3	86	23	32	8	36	5.86	+ 2.61	3.18	T. 11	15	4	11	nw.	U. S. Weather Bureau.	
Virginia.																				
Culpeper.	Culpeper.	450	5	54.0		87	23	27	7†	48	5.40			T. 0	7	11	14	5	se.	Col. H. C. Burrows.
Dale Enterprise.	Rockingham.	1,350	34	52.6	+ .1	84	24†	21	8	47	4.35	+ 1.36	1.25	T. 11	12	10	8		s.	Rev. L. J. Heatwole.
Eastville.	Northampton.	15	3	57.2	+ 2.4	81	3	32	9	43	2.16	- 1.45	0.98	T. 0	7	16	9	5	sw.	T. B. Robertson.
Fredericksburg.	Spotsylvania.	100	24	56.6	+ 2.0	85	23	29	8	44	4.80	+ 1.23	2.60	T. 0	8	16	8	6	nw.	S. G. Howison.
Lincoln.	Loudoun.	500	12	55.0	+ 2.2	87	4†	24	8	47	3.44	- 0.47	1.02	T. 8	15	8	7		nw.	Dr. Geo. Roberts.
Mount Weather.	do.	1,726	9	50.4	+ 2.0	80	23	26	8	34	4.11	+ 1.04	1.74	T. 11	11	9	10		nw.	U. S. Weather Bureau.
Quantico.	Prince William.	16	16	55.6	+ 2.0	89	25	28	8	47	5.02			T. 0	9	19	4	7	nw.	R. F. & P. R. R.
Staunton.	Auguia a.	1,380	21	54.2	+ .8	85	25	25	8	39	3.17	+ 0.18	0.82	T. 12	11	9	10		nw.	Ernest Nothnagel.
Swetnam.	Fairfax.	300	1																	Potomac Electric Power Co.
Warsaw.	Richmond.	160	21	56.5	+ 1.9	82	3†	29	7†	42	3.85	+ 0.55	1.20	T. 0	10	8	15	7	n.	C. H. Constable.
Winchester.	Frederick.	717	2	55.4		84	24†	25	1	44	2.18			T. 0	8	13	6	10	w.	Bentley Kern.
Woodstock.	Shenandoah.	927	17	55.0	+ 2.2	88	23	25	8	45	3.07	+ 0.42	1.00	T. 0	9	10	12	8	w.	Mrs. A. G. Artz.

^a, ^b, ^c, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for April, 1913. District No. 1, North Atlantic States.*

TABLE 2.—*Daily precipitation for April, 1913. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for April, 1913. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for April, 1913. District No. 1—Continued.*

* Precipitation included in that of the next measurement.

~~† Separate dates of falls not recorded.~~

Precipitation for the 24 hours ending on the morning when it is measured.
Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures for April, 1913. District No. 1, North Atlantic States.*

Date.	Maine.										Concord, N. H.	Massachusetts.						Provi- dence, R. I.	Connecticut.										
	Eastport.		Greenville.		Orono.		Portland.		Presque Isle.			Amherst.		Boston.		Middle- boro.		Nan- tucket.		Cream Hill.		Hartford.							
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.						
1.	45	33	37	28	58	9	42	35	52	30	39	34	42	35	46	34	47	38	54	35	47	41	48	37	46	30	50	36	
2.	39	31	37	2	56	16	48	35	36	20	42	32	50	36	55	38	53	36	51	39	52	37	49	29	53	38			
3.	46	30	41	23	47	31	48	34	43	23	46	34	43	35	56	34	46	41	52	39	50	30	56	40					
4.	39	32	35	28	48	30	38	34	41	30	36	34	40	35	54	38	43	39	49	38	52	43	53	32	63	40			
5.	35	31	35	29	45	33	40	29	35	29	41	34	50	34	53	34	53	39	51	40	52	41	54	39	52	36	54	39	
6.	36	30	37	28	37	30	39	32	36	30	40	33	45	26	44	27	48	34	51	29	50	37	44	33	43	26	45	33	
7.	34	25	30	20	38	26	37	31	32	22	36	30	40	30	42	28	40	34	41	31	40	33	39	31	42	26	45	32	
8.	38	21	34	17	42	22	43	28	34	10	40	25	46	26	48	22	48	30	47	24	45	32	46	28	43	20	46	30	
9.	36	27	34	13	42	21	39	24	38	8	38	22	42	24	44	26	41	29	45	28	42	29	44	23	44	29			
10.	47	30	50	13	51	20	46	27	49	13	51	22	55	22	53	23	49	31	52	19	45	36	51	28	53	26	54	27	
11.	48	36	40	28	54	28	40	37	37	47	25	38	33	41	36	44	36	52	38	46	36	47	38	52	38	40	35	48	38
12.	48	36	50	32	54	34	48	40	55	34	56	38	60	40	62	42	60	52	55	42	54	47	57	50	62	39	62	43	
13.	42	38	49	32	55	38	47	43	50	29	46	28	50	45	52	46	52	44	57	46	54	49	51	45	59	41	54	47	
14.	52	39	56	35	55	42	56	42	57	37	58	40	59	41	57	43	55	46	55	43	51	44	57	45	54	43	61	46	
15.	46	34	59	28	63	30	47	36	62	26	60	37	60	37	62	46	48	43	46	42	48	41	61	42	57	45			
16.	45	35	60	28	64	29	56	37	63	30	64	33	60	38	54	43	48	40	43	40	44	41	45	40	62	40	50	41	
17.	46	32	47	27	61	32	55	37	59	25	52	31	57	35	62	39	60	41	52	40	45	37	59	41	54	35	63	42	
18.	46	33	55	21	51	23	48	32	57	22	60	27	68	27	64	30	62	40	55	24	50	36	58	39	62	40	62	37	
19.	49	33	53	37	63	42	66	35	54	38	58	34	64	34	62	35	68	39	66	49	55	41	71	38	60	39	68	38	
20.	34	28	37	18	56	24	35	30	48	22	36	26	38	28	41	30	40	34	55	31	42	35	40	34	39	23	45	30	
21.	47	28	51	21	55	27	49	31	42	13	54	30	57	33	58	28	55	35	54	26	46	37	54	32	50	26	56	34	
22.	64	36	59	37	65	30	66	39	58	28	64	44	69	32	70	32	70	45	68	22	60	41	69	44	58	34	70	42	
23.	51	40	69	39	74	38	64	45	68	37	68	42	76	44	75	50	70	52	72	46	62	44	73	48	68	39	76	53	
24.	65	39	75	33	78	35	64	42	76	31	74	39	80	42	82	44	67	48	75	38	62	46	74	50	75	51	78	52	
25.	64	42	82	40	83	40	69	46	84	41	80	46	84	48	84	52	76	58	72	49	67	45	65	52	81	57	86	54	
26.	76	41	81	41	85	45	63	46	85	42	76	47	77	48	76	48	74	54	72	36	67	44	65	46	74	58	74	50	
27.	60	41	72	37	77	38	51	42	78	47	69	42	69	43	72	45	57	45	71	42	64	43	69	46	65	48	72	49	
28.	62	41	70	38	72	43	56	43	77	37	70	51	63	50	60	49	52	47	65	49	62	46	66	58	74	52	62	49	
29.	52	39	55	36	73	45	54	36	77	35	56	41	62	43	63	46	54	46	60	40	61	45	62	46	50	40	66	45	
30.	42	33	46	28	49	30	55	36	49	28	52	33	56	36	59	38	59	40	58	40	52	41	58	32	59	39	41		
Mns.	47.8	33.8	51.2	27.9	58.4	31.0	50.3	36.4	54.7	28.1	53.3	35.0	56.8	36.1	58.3	37.5	54.6	41.3	56.5	37.0	52.3	40.6	55.4	40.1	55.6	36.1	59.3	40.7	

Date.	New York.										Everett.	Pennsylvania.										Atlantic City, N. J.						
	New Haven, Conn.		Addison.		Albany.		Bingham- ton.		Indian Lake.		Little Falls.		New York.		Harris- burg.		Philadelphia.		Scranton.		State College.		Wellsboro.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.								
1.	52	39	59	30	48	35	47	32	41	30	40	33	54	41	51	36	54	44	58	43	50	35	50	31	56	44		
2.	57	37	55	31	51	36	50	33	40	27	44	31	55	39	54	40	58	44	62	45	53	36	55	30	60	41		
3.	54	43	69	37	56	38	64	33	45	25	43	34	55	42	71	36	69	42	71	46	68	39	70	37	67	38	53	48
4.	58	43	74	51	63	44	75	54	47	34	55	35	62	42	75	48	78	45	79	71	51	45	59	43	61	53	53	53
5.	56	41	70	38	50	35	58	35	49	30	51	35	56	42	72	37	61	47	59	50	59	36	61	40	71	47	59	40
6.	46	33	39	28	44	32	37	30	35	24	35	29	44	35	48	29	42	33	47	36	40	30	38	28	40	29	47	36
7.	46	33	41	28	40	31	38	29	38	25	38	29	44	32	51	24	48	33	52	34	45	30	41	27	40	27	51	30
8.	49	31	47	22	47	29	42	27	38	29	41	33	49	32	51	24	50	33	52	34	45	30	48	25	47	21	51	30
9.	47	31	51	26	42	28	45	31	42	18	47	32	46	32	56	27	54	36	53	38	48	33	51	27	49	21	53	33
10.	50	29	46	28	52	27	48	32	49	15	47	27	47	35	51	37	48	37	51	36	50	35	44	28	47	47	59	39
11.	54	40	53	38	47	37	55	40	47	31	45	34	55	39	52	42	54	41	52	46	49	40	53					

MONTHLY WEATHER REVIEW.

APRIL, 1913

TABLE 3.—*Maximum and minimum temperatures for April, 1913. District No. 1—Continued.*

Date.	New Jersey.								Martinsburg, W. Va. ^{§§}	Maryland.								Millsboro, Del.	Washington, D. C.	Virginia.										
	Bridgeton.		Phillipsburg.		Sussex.		Trenton.			Baltimore.		Darling-ton.		Frederick.		Western-port.					Fredericksburg.		Staunton ^{§§} .		Woodstock.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.					
1....	60	42	54	39	51	36	55	41	57	44	58	45	57	38	59	42	60	40	59	40	58	45	63	42	57	36	59	39		
2....	63	40	60	38	55	36	58	41	58	43	58	44	60	35	60	37	54	40	64	40	60	42	64	33	68	34	61	39		
3....	78	45	62	40	60	38	62	44	75	37	78	46	71	42	74	37	75	36	82	48	83	42	83	39	81	44	82	37		
4....	82	60	80	42	74	42	78	43	78	41	78	62	78	54	76	58	78	48	82	62	78	61	80	64	74	61	77	55		
5....	70	48	72	45	62	48	66	42	56	46	62	48	72	47	70	40	71	46	61	46	76	51	58	44	74	46			
6....	49	37	48	34	48	32	44	32	47	36	48	38	45	30	50	36	48	34	50	35	48	38	54	36	50	33	50	37		
7....	50	30	46	31	45	30	46	32	49	33	47	36	52	29	51	33	50	31	51	30	48	34	50	33	55	32	52	33		
8....	55	28	51	29	48	29	50	30	56	31	53	35	56	31	56	26	59	24	58	29	52	32	53	29	55	25	56	25		
9....	58	29	56	34	48	29	51	34	59	31	56	39	50	33	57	29	57	29	61	30	58	33	58	35	58	31	57	29		
10....	52	30	50	28	53	26	52	33	58	39	51	41	57	40	54	39	60	42	54	38	54	41	56	43	56	39	57	43		
11....	65	42	56	39	47	37	60	40	60	42	59	45	58	42	58	43	57	46	68	44	61	47	66	48	60	44	59	47		
12....	60	54	61	48	64	43	59	55	55	48	58	54	59	51	58	52	56	48	61	43	55	55	63	55	55	50	54	51		
13....	64	55	58	48	58	46	58	52	57	50	62	55	58	51	59	52	57	49	78	58	64	55	65	55	66	50	57	51		
14....	62	51	60	48	59	46	56	50	58	50	58	51	53	46	57	53	58	46	62	42	58	50	62	54	57	49	56	51		
15....	52	47	59	49	65	47	53	48	55	50	53	48	57	46	54	48	62	42	56	49	63	49	57	44	54	48				
16....	51	47	60	46	60	46	53	46	67	50	59	50	68	44	65	50	65	49	52	46	60	49	61	50	68	45	69	48		
17....	67	41	69	42	65	38	66	44	71	45	69	50	71	47	76	37	63	43	69	48	67	42	70	38	72	45			
18....	71	38	72	37	68	33	69	40	79	39	72	47	69	41	79	37	83	36	73	39	78	47	79	42	79	40	81	40		
19....	74	54	66	46	66	41	67	44	72	41	72	49	69	52	72	54	78	54	75	56	73	47	78	60	73	60	71	54		
20....	64	37	52	32	47	31	50	35	57	35	55	40	57	34	57	35	56	33	58	38	55	40	66	42	62	40	57	39		
21....	60	30	61	31	59	30	58	34	62	31	59	37	60	30	60	29	68	26	62	35	58	35	59	34	60	27	64	28		
22....	73	35	71	35	69	32	68	40	78	34	74	42	71	35	77	33	82	35	73	38	76	32	77	39	80	35				
23....	79	47	71	47	72	51	72	48	88	40	84	52	79	47	88	50	86	52	82	50	86	52	85	49	83	56	88	47		
24....	79	55	80	52	81	48	77	55	91	50	79	61	80	55	85	50	86	45	76	56	85	56	82	53	84	47	85	46		
25....	79	49	85	54	89	55	80	54	90	52	79	59	79	50	86	51	88	48	74	50	83	55	83	51	85	50	87	51		
26....	77	50	81	54	76	53	76	51	81	52	76	57	77	52	80	50	83	49	76	52	80	54	80	51	81	52	83	49		
27....	62	58	68	55	70	55	71	54	63	51	63	51	65	52	72	50	75	46	71	56	65	48	72	53	57	48	74	51		
28....	66	50	63	51	63	53	62	51	58	46	62	49	61	47	58	46	56	43	65	47	61	45	62	39	56	39	57	42		
29....	60	49	60	46	55	45	59	49	69	40	59	50	57	48	60	45	68	42	58	52	58	46	63	44	67	41	68	42		
30....	69	47	68	41	64	38	67	46	80	40	69	48	67	43	70	37	74	35	66	47	69	46	69	47	71	34	74	35		
Mns.	65.7	44.1	63.3	42.0	61.4	40.5	61.4	43.7	66.1	42.2	63.7	47.6	63.2 ^b	42.8 ^b	65.8	43.0	67.5	41.0	66.2	44.4	65.1	45.9	67.9	45.2	66.0	42.4	67.2	42.9		

^{a, b, c, etc.}, indicate respectively 1, 2, 3, etc., days missing from the record.^{§§} Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.